

- Sub P1*
1. A method of displaying automotive service data on a diagnostic tool, comprising the steps of:
    - displaying a list of performance measurements, descriptions and values;
    - scrolling through said list of measurement descriptions and values;
    - selecting a measurement from said list; and
    - displaying a graphical representation of said selected measurement over time.
  2. The method of claim 1 further comprising the step of arranging the order in which said measurement descriptions and values are displayed in said displaying step.
  3. The method of claim 2 further comprising the step of selecting the font for at least one entry in said list of performance measurements.
  4. The method of claim 3 wherein said selected font differentiates said entry from the other entries in said list.
  5. The method of claim 4 wherein said selected font is a different color from the other entries in said list.
  6. The method of claim 1 further comprising the step of selecting the performance measurement to be displayed in said list from a group of available measurements.
  7. The method of claim 6 further comprising the step of receiving said performance measurement values from a vehicle onboard computer.

8. The method of claim 1 further comprising the step of varying the time axis of the graphical representation of said selected measurement over a portion of said measurement before displaying said graphical representation.
9. The method of claim 8 wherein said varying step includes expanding 5 the time axis over a discreet portion of said axis.
10. The method of claim 9 wherein said performance measurements are engine performance measurements.
11. The method of claim 1 further comprising the step of moving selected performance measurement descriptions and values to the top of said list to 10 arrange the order in which the entries are listed.
12. Apparatus for displaying automotive service data, comprising:
  - a display screen;
  - a pair of switches that receive input directing data to scroll up and down on said display screen;
  - 15 a selection switch for selecting a data item displayed on said display screen;
  - a graphics program for generating a graphical representation to be displayed on said display screen of said selected data item; and
  - wherein said selected data item is an engine performance measurement.
- 20 13. The apparatus of claim 12 wherein said pair of switches and said selection switch share a single input button on said apparatus.
14. The apparatus of claim 12 wherein said display screen is a touch screen.

15. The apparatus of claim 12 wherein said display screen is an LCD screen.
16. The apparatus of claim 15 wherein said graphics program can vary the length of the time axis driving different intervals of the performance measurement.
17. Apparatus for displaying automotive service data, comprising:  
display means for displaying a list of engine performance descriptions and measurements;  
selection means for selecting at least one of said engine performance measurements to be displayed in a graphical representation;  
wherein said graphical representation is displayed in the list of engine performance descriptions and measurements.
18. The apparatus of claim 7, further comprising input means for receiving data representative of said performance measurement from a vehicle on board computer.
19. The apparatus of claim 18 further comprising port means for receiving programs for converting data received from said on board computer for display.
20. The apparatus of claim 19 wherein said port receives a flash card.

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